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Date:

May 18, 2005

To

Name:

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From:

Name:

Manu Kashyap, Intellectual Property Paralegal
Corporate Legal Dept.

Telephone:

(408) 433-7475

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Re:

10/730,337

Number of Pages Including this Page

5

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MESSAGE:

US Serial No.: 10/730,337

Filing Date: December 8, 2003

Group Art Unit: 2819

Docket No: 03-2112

Examiner: Daniel Chang

Filing of IDS

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PTO/SB/21 (12/97)
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| | | | | |
|---|--|--|---|---------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 10/730,337 | | |
| | Filing Date | December-08, 2003 | | |
| | First Named Inventor | Justin McCollum | | |
| | Group Art Unit | 2819 | | |
| | Examiner Name | Chang, Daniel | | |
| Total number of pages in this submission | 4 | Attorney Docket Number | 03-2112 | |
| ENCLOSURES (check all that apply) | | | | |
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers | <input type="checkbox"/> After Allowance Communication to Group | <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): 1. Return address postcard for PTO mailroom to date stamp. | |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and | | |
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| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition | <input type="checkbox"/> Proprietary Information | | |
| <input type="checkbox"/> Affidavits(s)/declaration(s) | <input type="checkbox"/> To Convert a Provisional Application | <input type="checkbox"/> Status Letter | | |
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| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Small Entity Statement | | | |
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| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | Remarks | | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | | |
| Individual Name | Sandeep Jaggi, Reg. No. 43,331, Phone: [+1] 408-433-7475 | | | |
| Signature | | | | |
| Date | 5-18-05 | | | |
| CERTIFICATE OF MAILING | | | | |
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PTO/SB/1/ (2-98)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTALPatent Fees are subject to annual revision on October 1.
These are the fees effective October 1, 1997.Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. 1.27 and 1.28.**TOTAL AMOUNT OF PAYMENT (\$180.00)****Complete if Known**

| | |
|----------------------|-------------------|
| Application Number | 10/730,337 |
| Filing Date | December-08, 2003 |
| First Named Inventor | Justin McCollum |
| Group Art Unit | 2819 |
| Examiner Name | Daniel Chang |
| Attorney Docket No. | / 03-2112 |

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-
- ☐
- Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of

- 2.
- ☐
- Payment Enclosed:

☐ Chec ☐ Money Order ☐ Other
FEE CALCULATION**1. BASIC FILING FEE**

| Larg eFee Code | Entt yFee (\$) | Larg eFee Code | Entt yFee (\$) | Fee Description | Fee Paid |
|----------------|----------------|----------------|----------------|------------------------|----------|
| 101 | 790 | 201 | 395 | Utility filing fee | |
| 106 | 330 | 206 | 185 | Design filing fee | |
| 107 | 540 | 207 | 270 | Plant filing fee | |
| 108 | 790 | 208 | 395 | Reissue filing fee | |
| 114 | 150 | 214 | 75 | Provisional Filing fee | |

SUBTOTAL (1) (\$0.00)**2. EXTRA CLAIM FEES**

| Total claim | | Extra Claim | | Fee from below | Fee Paid |
|--------------------|--|-------------|--|----------------|----------|
| | | -20**= | | | |
| Independent Claims | | -3**= | | | |
| Multiple Dependent | | | | | |

**or number previously paid, if greater; For Reissues, see below

| Larg eFee Code | Entt yFee (\$) | Larg eFee Code | Entt yFee (\$) | Fee Description | Fee Paid |
|----------------|----------------|----------------|----------------|---|----------|
| 103 | 22 | 203 | 11 | Claims in excess of 20 | |
| 102 | 82 | 202 | 41 | Independent claims in excess of 3 | |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid | |
| 109 | 82 | 209 | 41 | **Reissue independent claims over original patent | |
| 110 | 22 | 210 | 11 | **Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$0.00)**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Larg eFee Code | Entt yFee (\$) | Larg eFee Code | Entt yFee (\$) | Fee Description | Fee Paid |
|----------------|----------------|----------------|----------------|--|----------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | For filing request for reexamination | |
| 112 | 920* | 112 | 920 | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | Extension for reply within second month | |
| 117 | 950 | 217 | 475 | Extension for reply within third month | |
| 118 | 1510 | 218 | 755 | Extension for reply within fourth month | |
| 128 | 2,080 | 228 | 1,030 | Extension for reply within fifth month | |
| 119 | 310 | 219 | 155 | Notice of Appeal | |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | |
| 121 | 270 | 221 | 135 | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | |
| 141 | 1,320 | 241 | 660 | Petition to revive - unintentional | |
| 142 | 1,320 | 242 | 660 | Utility issue fee (or reissue) | |
| 143 | 450 | 243 | 225 | Design issue fee | |
| 144 | 870 | 244 | 335 | Plant issue fee | |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | Petitions related to provisional application | |
| 126 | 240 | 126 | 240 | Submission of Information Disclosure Statement | 180.00 |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (times number of properties) | |
| 146 | 790 | 246 | 395 | Filing a submission after final rejection (37 CFR 1.129) | |
| 149 | 790 | 249 | 395 | For each additional invention to be examined (37 CFR 1.129 (b)) | |

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$180.00)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or printed name

Sandeep Jaggi

Signature

Date

5/18/05

Complete (if applicable)

Reg. Number

43,331

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re Application of :**

Justin McCollum et. al.

Serial No. : 10/730,337**Filed :** December 08, 2003**For :** Termination Enable: Hardware and
Software Controlled Enable with
Detect**RECEIVED
CENTRAL FAX CENTER****Group Art Unit :** 2819 MAY 18 2005**Examiner :** Chang, Daniel**Atty Docket :** / 03-2112

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Manu Kashyap

May 18, 2005
Date

Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached form, copies of which are attached, may be material to examination of above-identified application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR 1.56 and 1.97.

It is requested that the information disclosed herein be made of record in the application.

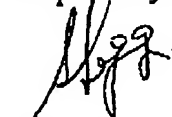
This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

If it is determined that any additional fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 12-2252.

LSI Logic Corporation
1621 Barber Lane, MS D-106
Milpitas, CA 95035
408-433-7475

Date: 5/18/05

Respectfully submitted,



Sandeep Jaggi

Reg. No. 43,331

05/19/2005 JBALINAN 00000114 122252 10730337

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PTO/SB/08A (10-98)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| | |
|----------------------|-------------------|
| Application Number | 10/730,337 |
| Filing Date | December-08, 2003 |
| First Named Inventor | Justin McCollum |
| Group Art Unit | 2819 |
| Examiner Name | Daniel Chang |
| Attorney Docket No. | / 03-2112 |

Sheet 1 of 1

U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|----------------------|-------------|----------------------|-------------------------|--|--|---|
| | | Number | Kind Code (if known) | | | |
| | | 4,920,339 | | Friend; Robert C. (Laguna Ni | 04-24-1990 | |
| | | 5,313,595 | | Lewis; Mark S. (Colorado Sp | 05-17-1994 | |
| | | 5,434,516 | | Kosco; Michael T. (Mission | 07-18-1995 | |
| | | 5,920,266 | | Allgood et al. | 07-06-1999 | |
| | | 5,983,296 | | Lamkin et al. | 11-09-1999 | |

 Examiner
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